

Technical Data Sheet

STICKFLEX PY Self-adhesive Angle Reinforcement

Description	STICKFLEX PY is a self-adhesive, polyester reinforced 120g SBS elastomeric modified bituminous waterproofing membrane. Both surfaces of the membrane are covered with film.
Use	Angle reinforcement for application on upstands, as detail and perimeter detail reinforcement and as pipe and other detail reinforcement. STICKFLEX PY is suitable for use in bitumen and single ply warm roof waterproofing systems.
Application method	<p>Installed fully bonded, with fully sealed joints, using self-adhesive/hot air techniques to form a continuous layer. Installation:</p> <p>The STICKFLEX PY membrane must be loose laid in position prior to removal of silicone release film from the underside of the roll. Roll back membrane and peel off silicone film in one simultaneous action. Roll out the membrane ensuring full adhesion. Use a heavy metal roller to remove air bubbles. Partial bonding of the self-adhesive lap joint is achieved using the roller and a full bond is completed by hot air welding with flame-free tooling. Full adhesion is completed through hot air activation during installation of the self-adhesive cap sheet.</p>
Storage	Rolls to be stored upright and away from heat.
Composition	(indicative). See below.

Reinforcement :	Polyester
Binder :	SBS elastomer
Surface finish :	Protective film
Under surface finish :	Peel-off silicone film

Characteristics		Standards	Units	Value	Tolerance
Dimensions	Length	EN 1848-1	m	10	-1%
	Width		m	1	-1%
	Straightness		-	20mm x 10m Pass	
	Nominal roll weight		kg	29	
	Thickness (on finished product)	EN 1849-1	mm	2.7	± 0.20
Visible defects		EN 1850-1	-	None	
Watertightness (A)		EN 1928	kPa	60	
External fire performance		EN13501-5	B roof	PND	
Reaction to fire		EN 13501-1	Class	PND	Pass
Tensile strength (longitudinal / transversal)		EN 12311-1	N/50mm	400 / 300	± 20%
Elongation at break (longitudinal / transversal)		EN 12311-1	%	35 / 35	-15
Resistance to impact		EN12691	mm	700	
Resistance to static loading Method A		EN 12730	kg	10	
Resistance to tearing (nail shank)		EN 12310-1	N	130 / 130	-30%
Dimensional stability (longitudinal / transversal)		EN 1107-1 Method A	%	± 0.3%	
Flexibility at low temperature		EN 1109	°C	-25	
Flow resistance at elevated temperature		EN 1110	°C	100	
Self-adhesion properties		ASTM D 1000	N/10mm	20	-5

PND = performance not determined.

The manufacturer reserves the right to modify, at any time, the characteristics of this product.